

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: November 4, -1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

TO: C. Daggett, EPA
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TAT

POLREP NO.: Twenty-one (21)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 20,000 containers of various chemicals, 1500
drums (600 empty), 87 indoor and outdoor
tanks of which less than ten hold oil, acid,
and unknowns
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 16B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1000 drums and 15,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.

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2. ACTION TAKEN:

A. To date, the following work has been performed on the contents of building 28:

- 1) 906 full drums have been staged.
906 of these drums have been sampled.
906 of these drums have been logged.
522 empty drums have been removed and staged in building 24.
- 2) Two hundred and seventy containers of base/neutral liquids have been bulked into a 10,000 gallon bulking chamber. The emptied drums have been staged in bldg. 24 awaiting decontamination and shredding.
- 3) Wooden catwalks on the third and fourth floors have been taken down, cut into 4-foot sections, staged on pallets and transferred to a 30 yard roll-off dumpster for disposal as contaminated waste.
- 4) Contaminated debris from the second and third floors of bldg. 28 have been transferred to a hazardous waste roll-off.
- 5) The fourth floor has been cleared of all drums and debris and is ready for decontamination by high pressure water lasers.

B. The following illustrates the total number of containers/drums (5 gallons and over) and their respective locations on site. These containers/drums have been staged, sampled and logged:

Building	Total No. of Containers/Drums
S1	81
S2	22
16	5
24	2
26	25
27	11
30	64
25 (basement)	57

C. To date, ERCS has completed wrapping polyethylene sheeting around the asbestos lagging from pipes and tanks in the following areas:

- 1) Fourth floor of building 28
- 2) Third floor of building 28
- 3) Second floor of building 28
- 4) First floor of building 25
- 5) Stairwell area of building 28

D. EPA/TAT and ERCS continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS is now on line and will be used to track daily costs incurred throughout the removal action.

- E. In response to the meeting held with the EPA Emergency Response Team on October 29, 1987, EPA/TAT are rewriting and reformatting the existing site safety plan. The revised safety plan will conform to the format and requirements of the revised OSHA guidelines.
- F. On Tuesday, November 3, 1987, Chem Waste Management mobilized on site to begin lab packing operations. To assist in identification of containers to be lab packed, a former chemist of the Arkansas Chemical Company is on site to review ongoing video transmissions.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling.
- B. EPA will continue employing the consultative services of two former employees of Arkansas Chemical Company during the lab packing operation.
- C. EPA will continue to provide 24 hour site security.
- D. EPA and TAT will evaluate the bids submitted by subcontractors for decontaminating the floors of building 28 using a high pressure water system.

4. FINANCIAL ACCOUNTING:

A.	Total Project Ceiling Authorized	\$ 1,966,009
B.	Mitigation Contract Ceiling	\$ 1,598,009
C.	Expenditures for Mitigation Contracts	
1. a.	Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE-0001) as of November 4, 1987.	\$ 725,380
1. b.	Amount de-obligated due to contract rollover	\$ 1,991
1. c.	Total amount obligated to date	\$ 723,389
1. d.	Estimated mitigation expenditures as of November 4, 1987	\$ 623,742
1. e.	Balance Remaining	\$ 99,647
D.	Unobligated Balance Remaining	\$ 874,620

E.	Estimate of Total Expenditures to Date for All Mitigation Contracts	\$ 623,742
F.	Other Extramural Costs as of November 4, 1987	
1. a.	TAT Salary/Travel (estimated)	\$ 54,341
G.	Intramural Costs as of November 4, 1987	
1. a.	EPA Salary/Travel (estimated)	\$ 32,302
H.	Total Expenditures	\$ 710,385
	Percent of Total Project Ceiling	36.1%
	Percent of \$2 Million	35.5%

FINAL POLREP _____ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane
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 Response and
 Prevention Branch

DATE RELEASED: NOVEMBER 6, 1987